31.5

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TABLE A

SD & T DWG ISSUES ARE IN AGREEMENT AS FOLLOWS:

SD-94851-01 ISSUE	1	2 ADV	2 ADV	3 ADV										
T*94851-11 ISSUE	1	2	3	4										

SHEET INDEX

SECTION A			SECTION B				SECTION C							
AUTO CHG	SHEET	ISS	SHEET	ISS	SHEET	ISS	SHEET	ISS	SHEET	ISS	SHEET	ISS	SHEET	ISS
	A1	4	B1	4	B61		C1	4	C61		C121		C181	
	A2	4	B2	☒	B62		C2	☒	C62		C122		C182	
	A3	4	B3		B63		C3		C63		C123		C183	
	A4	☒	B4		B64		C4		C64		C124		C184	
	A5		B5		B65		C5		C65		C125		C185	
	A6		B6		B66		C6		C66		C126		C186	
	A7		B7		B67		C7		C67		C127		C187	
	A8		B8		B68		C8		C68		C128		C188	
	A9		B9		B69		C9		C69		C129		C189	
	A10		B10		B70		C10		C70		C130		C190	
	A11		B11		B71		C11		C71		C131		C191	
	A12		B12		B72		C12		C72		C132		C192	
	A13		B13		B73		C13		C73		C133		C193	
	A14		B14		B74		C14		C74		C134		C194	
	A15		B15		B75		C15		C75		C135		C195	
	A16		B16		B76		C16		C76		C136		C196	
	A17		B17		B77		C17		C77		C137		C197	
	A18		B18		B78		C18		C78		C138		C198	
	A19		B19		B79		C19		C79		C139		C199	
	A20		B20		B80		C20		C80		C140		C200	
	A21		B21		B81		C21		C81		C141		C201	
	A22		B22		B82		C22		C82		C142		C202	
	A23		B23		B83		C23		C83		C143		C203	
	A24		B24		B84		C24		C84		C144		C204	
	A25		B25		B85		C25		C85		C145		C205	
	A26		B26		B86		C26		C86		C146		C206	
	A27		B27		B87		C27		C87		C147		C207	
	A28		B28		B88		C28		C88		C148		C208	
	A29		B29		B89		C29		C89		C149		C209	
	A30		B30		B90		C30		C90		C150		C210	
	A31		B31		B91		C31		C91		C151		C211	
	A32		B32		B92		C32		C92		C152		C212	
	A33		B33		B93		C33		C93		C153		C213	
	A34		B34		B94		C34		C94		C154		C214	
	A35		B35		B95		C35		C95		C155		C215	
	A36		B36		B96		C36		C96		C156		C216	
	A37		B37		B97		C37		C97		C157		C217	
	A38		B38		B98		C38		C98		C158		C218	
	A39		B39		B99		C39		C99		C159		C219	
	A40		B40		B100		C40		C100		C160		C220	
	A41		B41		B101		C41		C101		C161		C221	
	A42		B42		B102		C42		C102		C162		C222	
	A43		B43		B103		C43		C103		C163		C223	
	A44		B44		B104		C44		C104		C164		C224	
	A45		B45		B105		C45		C105		C165		C225	
	A46		B46		B106		C46		C106		C166		C226	
	A47		B47		B107		C47		C107		C167		C227	
	A48		B48		B108		C48		C108		C168		C228	
	A49		B49		B109		C49		C109		C169		C229	
	A50		B50		B110		C50		C110		C170		C230	
	A51		B51		B111		C51		C111		C171		C231	
	A52		B52		B112		C52		C112		C172		C232	
	A53		B53		B113		C53		C113		C173		C233	
	A54		B54		B114		C54		C114		C174		C234	
	A55		B55		B115		C55		C115		C175		C235	
	A56		B56		B116		C56		C116		C176		C236	
	A57		B57		B117		C57		C117		C177		C237	
	A58		B58		B118		C58		C118		C178		C238	
	A59		B59		B119		C59		C119		C179		C239	
	A60		B60		B120		C60		C120		C180		C240	

TABLE E

FEATURE TABLE (SEE NOTES 52,53)

ITEM	SD ISS	DESCRIPTION	SPECIFY				AUTO OPT	REMARKS
			FIG	WRG	APP	QTY		
COL	EA	EB	EC	ED	EE	EF	EG	EH
1 *	1	REQUIRED FOR ONE COMBINED SCANNER & SIGNAL DISTRIBUTOR MATRIX **CIRCUIT**.	1 H1			1 1		
2	3	ALWAYS REQUIRED IN ADDITION TO ITEM 1. (REPLACES KS-16786 CONN WITH 976 TYPE)	(1)	HB	HB		HA	HA MFR DISC

ENGINEERING NOTES

51-SEE TABLE A FOR DRAWING FROM WHICH THIS DRAWING IS MADE.

52-ITEMS DESIGNATED WITH NUMBERS ARE COMMON FEATURES. ITEMS DESIGNATED BY LETTERS ARE OPTIONAL FEATURES.

53-ITEMS DESIGNATED WITH AN ASTERISK IN TABLE E CONTAIN FIGURES OR OPTIONS REQUIRED BUT NOT COVERED ON ASSOCIATED STANDARD EQUIPMENT MANUFACTURING DRAWING.

54-EQUIPMENT ARRANGEMENT: J99366J-1

55-CONNECTING DRAWING:
PROGRAMMABLE SCANNER DISTRIBUTOR CIRCUIT T*94844-11

56-FOR EXTERNAL WIRING ON THE (IN) AND (OUT) PLUGS, REFER TO T*94837-12, FIGURES 2, HA.

57-THE USING SYSTEM IS RESPONSIBLE FOR CONNECTING LEADS N5, N6, N7 & N8 PER JOB INFORMATION TO GROUND TO SPECIFY THE CONTROLLER ADDRESS. THESE CONNECTIONS SHOULD BE REFLECTED ON THE USING SYSTEM WIRING LIST AND/OR WIRING DIAGRAM.

CONNECTING AN N-LEAD TO GROUND SPECIFIES A ZERO FOR THE ASSOCIATED A-BIT. LEAVING AN N-BIT OPEN SPECIFIES A LOGIC ONE FOR THE ASSOCIATED A-BIT.

9-12-75			
RDL TLG	JDR.		1
CHANGE PER CN-4C41CB 2-26-76			CL A
WDC	JDR.		2
CHANGE PER CN-4C49CB 4-12-76			CL A
RJB RJB	JDR.		3
FEAT TBL ITEM 2 AND MFG NOTE 3 8 4 ADDED. 7-6-77			CL: A
	JDR.	P. M.	4

NOTICE
NOT FOR USE OR DISCLOSURE OUTSIDE THE BELL SYSTEM EXCEPT UNDER WRITTEN AGREEMENT

ISSUE 4

4N99

COMMON SYSTEMS
COMBINED SCANNER
AND SIGNAL DISTRIBUTOR
MATRIX CIRCUIT

STANDARD

T*94851-11

5 SHEETS

SHEET A1

WESTERN ELECTRIC

DWG SIZE 6S

T*94851-11

SHEET A1

Ⓐ

TF-294300(10-71)
PRINTED IN U.S.A.

31.5

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TABLE G

CABLING

ITEM	FIG.	OPT	LEADS PER FIG.	CABLES PER UNIT	CODE	FROM	CA DESIG	EQPT LOC	TO	CA DESIG	EQPT LOC	CABLE SHIELD	REMARKS
COL	GA	GB	GC	GD	GE	GF	GG	GH	GJ	GK	GL	GM	GN

TABLE F

FUSE REQUIREMENTS

ITEM	FIG.	OPT	FUSE		POTENTIAL	DESIG	QTY	LOCATION	REMARKS
			AMP	CODE					
COL	FA	FB	FC	FD	FE	FF	FG	FH	FJ

MANUFACTURING NOTES (CONTINUED)

SHOP	INST	
X		1. CONNECTION PROVIDED BY 600-RJS-3 JUMPER.
	X	2. THE NUMBERS SHOWN IN PARENTHESIS INDICATE THE TERMINAL DESIGNATION ON THE WIRE WRAP ADAPTER AS VIEWED FROM THE WIRING SIDE.
X		3. ALL WIRES TO BE 26BW COLORED GREEN UNLESS OTHERWISE SPECIFIED.
X	X	4. PRIOR TO ISSUE 4 THIS 20BW WIRE WAS 14AM.

MANUFACTURING NOTES CONVENTIONS

SHOP	INST		
		⬭	SWITCHBOARD CABLE
		Ø	INSTALLER WIRING
		□	SYMBOL FOLLOWED BY LEAD DESIGNATION INDICATES LEAD RUN CONNECTION CONTROLLED BY THIS CIRCUIT TO ANOTHER CIRCUIT.
		□□	SYMBOL FOLLOWED BY LEAD DESIGNATION INDICATES LEAD RUN FROM ANOTHER CIRCUIT.
		L	LOOP LEAD TO BE CUT AND CONNECTED WHEN ASSOCIATED OPTION IS SPECIFIED.
		F,R,S	LEAD IS IN 1ST, 2ND, OR 3RD EXTRA STITCH PROGRESSING TOWARD TIP OF CABLE ARM.
		AA,AB	CROSS REFERENCE SYMBOLS IDENTIFY CONNECTION OF PIGTAIL COMPONENTS LISTED IN THE B SECTION.
		% OR ■	WITHOUT, AS X % Y INDICATES X WITHOUT Y.
		∗	BREAK IN CONTINUITY OF RUN WHEN OPTION IS EQUIPPED.
		#	ANOTHER CONNECTION TO TERMINAL APPEARS IN THE RUN.
		@	A CONNECTION POINT OF A BIFURCATE TERMINAL.
		&	A CONNECTION POINT OF A BIFURCATE TERMINAL WITH ANOTHER CONNECTION APPEARING IN THE RUN.
		/	A SLASH (/) IN THE TERMINAL COLUMN SEPARATES THE SCHEMATIC NUMBER SHOWN ON THE LEFT FROM THE IDENTIFYING NUMBER SHOWN TO THE RIGHT OF THE SLASH. IDENTIFY TERMINALS AS FOLLOWS: a) TERMINALS IN HORIZONTAL ROWS. NUMBER 1 & UP, LEFT TO RIGHT. SUFFIX T,M, OR B INDICATES TOP, MIDDLE OR BOTTOM ROW (EXAMPLE: 2T, 1M, 3B, ETC.). b) TERMINALS IN VERTICAL ROWS. NUMBER 1 & UP, BOTTOM TO TOP. SUFFIX L OR R INDICATES LEFT OR RIGHT ROW (EXAMPLE: 2L, 3R, ETC.). c) TO FACILITATE IDENTIFICATION OF UNSTAMPED TERMINAL NUMBERING SEE H-915-200.
		B	TERMINAL NEAREST BASE OF TERMINAL STRIP.
		E	ADJACENT ROWS OF TERMINALS.
		K	TOP OR LEFT ROWS OF TERMINALS.
		1W,2W, 3W,4W	ONE, TWO, THREE OR FOUR CONDUCTOR CROSS CONNECTION WIRE.
		NC	NO CONNECTION.
		DU	DOUBLING UP TERMINAL.
		MLT	MULTIPLE LIKE NUMBERED TERMINALS OF LIKE DESIGNATED APPARATUS.
		F	A SUFFIX TO A TERMINAL NUMBER INDICATING CONNECTION TO FRONT OF COMPONENT.
		X,Y	COMMA SEPARATING OPTIONS INDICATES OR, AS X OR Y.
		P	PAIR P101, P102, ETC. INDICATES PAIR NUMBER.
		POS	IN THE COLOR FIELD OF A PIGTAIL CONNECTION INDICATES POSITIVE (+) END OF THE PIGTAIL.
		TO	IN THE COLOR FIELD OF A PIGTAIL CONNECTION INDICATES THE TERMINAL TO WHICH THE ARROW OF A DIODE POINTS.
		24	24BW WIRE
		20	20BW WIRE
		14	14AM WIRE

T*94851-11

SHEET A2

4		HA OR HB	HA		HB		HA	
CHANGE ON ISSUE	SPECIFY IF OFFICE RECORDS	DO NOT SPECIFY	THIS OPTION WAS FURNISHED	SEE NOTE	STD RATING	A & M	MD	

RECORD OF FIGURES, COMPONENTS AND WIRING CHANGE

TABLE B

10						
5						
				HB	HB	NO EQUIV SD OPTION
				HA	HA	NO EQUIV SD OPTION
1			H1			NO EQUIV SD OPTION
COL	CA	CB	CC	CD	CE	CF
LINE	FIG.	OPT	FIG.	WRG	APP	REMARKS
	SD-94851-01		T*94851-11			

SCHEMATIC FIGURES AND OPTIONS AGREE WITH SIMILARLY DESIGNATED WIRING DIAGRAM FIGURES AND OPTIONS EXCEPT AS SHOWN ABOVE. W.E. CO. ASSIGNED FIGURES AND OPTIONS ARE PREFIXED WITH LETTER H AND MAY OR MAY NOT HAVE SCHEMATIC EQUIVALENT. ITEMS IN ( ) PARENTHESES ARE FOR INFORMATION ONLY AND ARE NOT TO BE RECORDED ON JOB WIRING LIST DRAWING.

SD-T DWG CROSS REFERENCE TABLE

TABLE C

COL	HA	HB	HC	HD
ITEM	A SH	FIG.	DISTG FR	REQUIREMENTS

DISTRIBUTING FRAME REQUIREMENTS

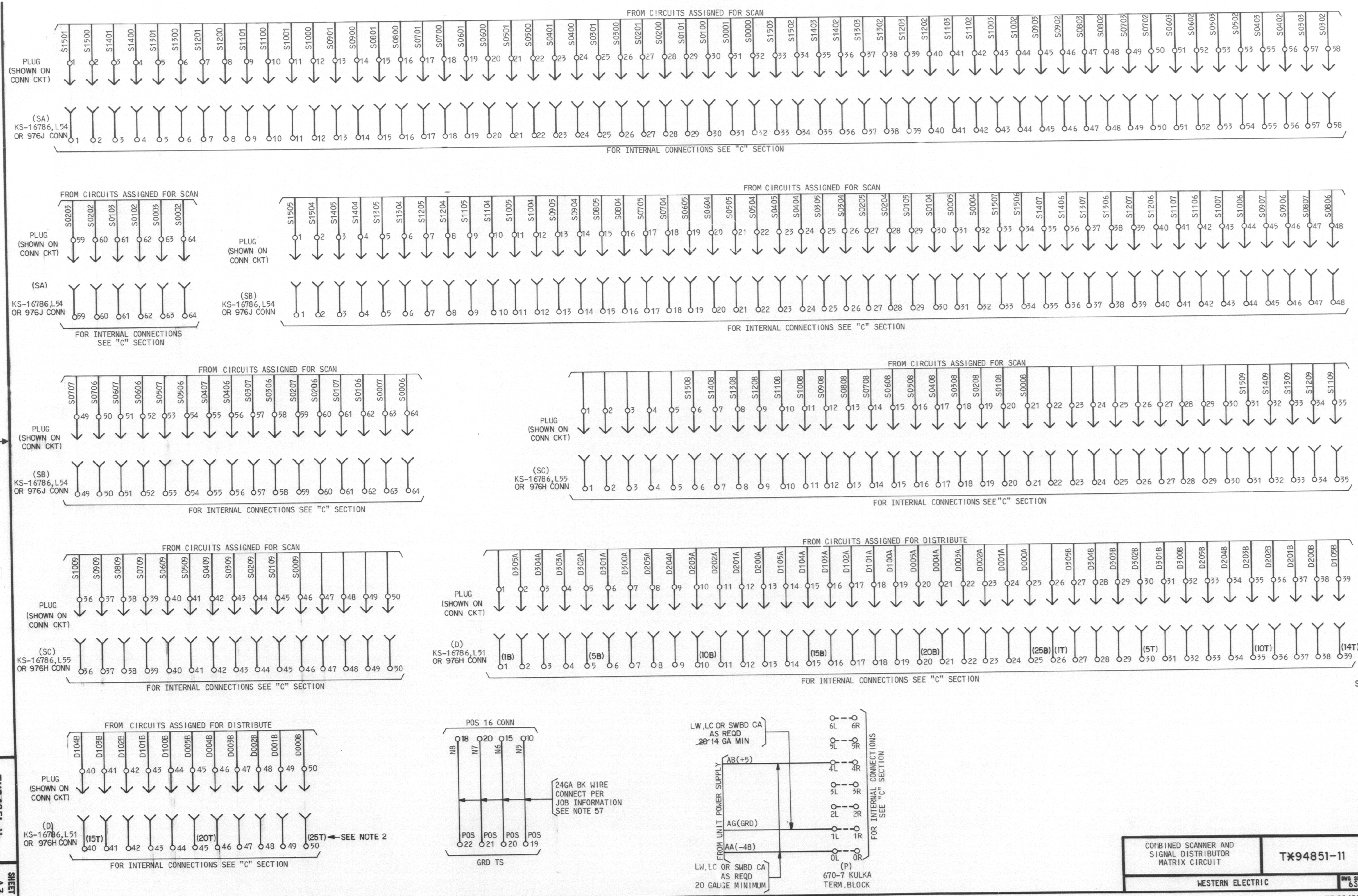
TABLE H

COMBINED SCANNER AND SIGNAL DISTRIBUTOR MATRIX CIRCUIT	T*94851-11	ISSUE 4 SHEET A2
WESTERN ELECTRIC	DWG SIZE 6S	

LTF-58CB (4-74)
PRINTED IN U.S.A.

DUP-AC5012 7011

FIG. H1


FROM CIRCUITS ASSIGNED FOR SCAN
S1501 S1500 S1401 S1400 S1301 S1300 S1201 S1200 S1101 S1100 S1001 S1000 S0901 S0900 S0801 S0800 S0701 S0700 S0601 S0600 S0501 S0500 S0401 S0400 S0301 S0300 S0201 S0200 S0101 S0100 S0001 S0000 S1503 S1502 S1403 S1402 S1303 S1302 S1203 S1202 S1103 S1102 S1003 S1002 S0903 S0902 S0803 S0802 S0703 S0702 S0603 S0602 S0503 S0502 S0403 S0402 S0303 S0302
PLUG (SHOWN ON CONN CKT)
(SA) KS-16786,L54 OR 976J CONN
FOR INTERNAL CONNECTIONS SEE "C" SECTION
FROM CIRCUITS ASSIGNED FOR SCAN
S0203 S0202 S0103 S0102 S0003 S0002
PLUG (SHOWN ON CONN CKT)
(SA) KS-16786,L54 OR 976J CONN
FOR INTERNAL CONNECTIONS SEE "C" SECTION
FROM CIRCUITS ASSIGNED FOR SCAN
S1505 S1504 S1405 S1404 S1305 S1304 S1205 S1204 S1105 S1104 S1005 S1004 S0905 S0904 S0805 S0804 S0705 S0704 S0605 S0604 S0505 S0504 S0405 S0404 S0305 S0304 S0205 S0204 S0105 S0104 S0005 S0004 S1507 S1506 S1407 S1406 S1307 S1306 S1207 S1206 S1107 S1106 S1007 S1006 S0907 S0906 S0807 S0806
PLUG (SHOWN ON CONN CKT)
(SB) KS-16786,L54 OR 976J CONN
FOR INTERNAL CONNECTIONS SEE "C" SECTION
FROM CIRCUITS ASSIGNED FOR SCAN
S0707 S0706 S0607 S0606 S0507 S0506 S0407 S0406 S0307 S0306 S0207 S0206 S0107 S0106 S0007 S0006
PLUG (SHOWN ON CONN CKT)
(SB) KS-16786,L54 OR 976J CONN
FOR INTERNAL CONNECTIONS SEE "C" SECTION
FROM CIRCUITS ASSIGNED FOR SCAN
S1508 S1408 S1308 S1208 S1108 S1008 S0908 S0808 S0708 S0608 S0508 S0408 S0308 S0208 S0108 S0008 S1509 S1409 S1309 S1209 S1109
PLUG (SHOWN ON CONN CKT)
(SC) KS-16786,L55 OR 976H CONN
FOR INTERNAL CONNECTIONS SEE "C" SECTION
FROM CIRCUITS ASSIGNED FOR SCAN
S1009 S0909 S0809 S0709 S0609 S0509 S0409 S0309 S0209 S0109 S0009
PLUG (SHOWN ON CONN CKT)
(SC) KS-16786,L55 OR 976H CONN
FOR INTERNAL CONNECTIONS SEE "C" SECTION
FROM CIRCUITS ASSIGNED FOR DISTRIBUTE
D305A D304A D303A D302A D301A D300A D205A D204A D203A D202A D201A D200A D105A D104A D103A D102A D101A D100A D005A D004A D003A D002A D001A D000A D305B D304B D303B D302B D301B D300B D205B D204B D203B D202B D201B D200B D105B
PLUG (SHOWN ON CONN CKT)
(D) KS-16786,L51 OR 976H CONN
(1B) (5B) (10B) (15B) (20B) (25B) (1T) (5T) (10T) (14T)
SEE NOTE 2
FOR INTERNAL CONNECTIONS SEE "C" SECTION
FROM CIRCUITS ASSIGNED FOR DISTRIBUTE
D104B D103B D102B D101B D100B D005B D004B D003B D002B D001B D000B
PLUG (SHOWN ON CONN CKT)
(D) KS-16786,L51 OR 976H CONN
(15T) (20T) (25T)
SEE NOTE 2
FOR INTERNAL CONNECTIONS SEE "C" SECTION
POS 16 CONN
18 20 15 10
N8 N7 N6 N5
24GA BK WIRE CONNECT PER JOB INFORMATION SEE NOTE 57
POS 22 POS 21 POS 20 POS 19
GRD TS
LW,LC OR SWBD CA AS REQD 20 14 GA MIN
FROM UNIT POWER SUPPLY
AB(+5)
AG(GRD)
AA(-48)
LW,LC OR SWBD CA AS REQD 20 GAUGE MINIMUM
6L 6R 5L 5R 4L 4R 3L 3R 2L 2R 1L 1R 0L 0R
FOR INTERNAL CONNECTIONS SEE "C" SECTION
(P) 670-7 KULKA TERM.BLOCK

COMBINED SCANNER AND
SIGNAL DISTRIBUTOR
MATRIX CIRCUIT

T*94851-11

ISSUE 4

SHEET A3

WESTERN ELECTRIC

DWG SIZE 6S

TF-294207 (10-71)
PRINTED IN U.S.A.

T*94851-11

SHEET A3

```
    FUNC
FIG DESIG   TYPE  CODE
 &   XLOC          RUN
OPT  YLOC   TERM  /OPT/

   A        GRDTS P-45G702
      4.7    0  253
      2.0    1  269
             2  268
             3  267
             4  266
             5  254

HA  D       CONN  KS-16786,L51
     15.5   2B  161
      3.3   2T  185
            3B  162
            3T  186
            4B  163
            4T  187
            5B  164
            5T  188
            6B  165
            6T  189
            7B  166
            7T  190
            8B  167
            8T  191
            9B  168
            9T  192
           10B  169
           10T  193
           11B  170
           11T  194
           12B  171
           12T  195
           13B  172
           13T  196
           14B  173
           14T  197
           15B  174
           15T  198
           16B  175
           16T  199
           17B  176
           17T  200
           18B  177
           18T  201
           19B  178
           19T  202
           20B  179
           20T  203
           21B  180
           21T  204
           22B  181
           22T  205
           23B  182
           23T  206
           24B  183
           24T  207
           25B  184
           25T  208

 HB  D        CONN  976H
      15.5     2  161
       3.3     3  162
               4  163
               5  164
               6  165
               7  166
               8  167
               9  168
              10  169
              11  170
              12  171
              13  172
              14  173
              15  174
              16  175
              17  176
              18  177
              19  178
              20  179
              21  180
              22  181
              23  182
              24  183
              25  184
              27  185
              28  186
              29  187
              30  188
              31  189
              32  190
              33  191
              34  192
              35  193
              36  194
              37  195
              38  196
              39  197
              40  198
              41  199
              42  200
              43  201
              44  202
              45  203
              46  204
              47  205
              48  206
              49  207
              50  208

        GROUND  GRDTS P-45G417
          9.7   17  253
          2.0   18  254
                19  255
                20  256
                21  257
                22  258
                   CONTINUED
```

```
FUNC
DESIG TYPE  CODE
 XLOC        RUN
 YLOC TERM  /OPT/

       CONTINUED
       23  259
       24  260
       25  261
       26  262
       28  263
       30  264
       31  265
       32  251

IN     CONN  KS-19163,L5
  1.8   1  269
  2.0   3  223
        4  268
        5  222
        7  221
        8  267
        9  220
       11  219
       12  266
       13  269
       15  218
       16  268
       17  217
       19  216
       20  267
       21  215
       23  214
       24  266
       25  269
       27  213
       28  268
       29  212
       31  211
       32  267
       33  210
       35  209
       36  266
       37  269
       39  239
       40  268
       41  238
       43  237
       44  267
       45  236
       47  235
       48  266
       49  269
       51  234
       52  268
       53  233
       55  232
       56  267
       57  231
       59  230
       60  266
       61  269
       63  229
       64  268
       65  228
       67  227
       68  267
       69  226
       71  225
       72  266

OUT    CONN  KS-19163,L5
  3.7   1  269
  2.0   2  250
        3  223
        4  268
        5  222
        6  250
        7  221
        8  267
        9  220
       10  250
       11  219
       12  266
       13  269
       14  250
       15  218
       16  268
       17  217
       18  250
       19  216
       20  267
       21  215
       22  250
       23  214
       24  266
       25  269
       26  250
       27  213
       28  268
       29  212
       30  250
       31  211
       32  267
       33  210
       34  250
       35  209
       36  266
       37  269
       38  250
       39  239
       40  268
       41  238
       42  250
       43  237
       44  267
       45  236
       46  250
       47  235
       48  266
          CONTINUED
```

```
        FUNC
FIG     DESIG TYPE  CODE
 &       XLOC        RUN
OPT      YLOC TERM  /OPT/

             CONTINUED
             49  269
             50  250
             51  234
             52  268
             53  233
             54  250
             55  232
             56  267
             57  231
             58  250
             59  230
             60  266
             61  269
             62  250
             63  229
             64  268
             65  228
             66  250
             67  227
             68  267
             69  226
             70  250
             71  225
             72  266

        P      TMBLK 670-7 KULKA
         18.3 0R  252
          2.0 1R  251
              2R  251
              3R  251
              4R  250
              5R  250
              6R  250

HA,HB SA      CONN  KS-16786,L54
        15.5         /HA/,976J/HB/
          .6   1  1
               2  2
               3  3
               4  4
               5  5
               6  6
               7  7
               8  8
               9  9
              10  10
              11  11
              12  12
              13  13
              14  14
              15  15
              16  16
              17  17
              18  18
              19  19
              20  20
              21  21
              22  22
              23  23
              24  24
              25  25
              26  26
              27  27
              28  28
              29  29
              30  30
              31  31
              32  32
              33  33
              34  34
              35  35
              36  36
              37  37
              38  38
              39  39
              40  40
              41  41
              42  42
              43  43
              44  44
              45  45
              46  46
              47  47
              48  48
              49  49
              50  50
              51  51
              52  52
              53  53
              54  54
              55  55
              56  56
              57  57
              58  58
              59  59
              60  60
              61  61
              62  62
              63  63
              64  64

HA,HB SB      CONN  KS-16786,L54
        15.5         /HA/,976J/HB/
         1.5   1  65
               2  66
               3  67
               4  68
               5  69
               6  70
               7  71
               8  72
               9  73
              10  74
              11  75
                CONTINUED
```

```
        FUNC
FIG     DESIG TYPE  CODE
 &       XLOC        RUN
OPT      YLOC TERM  /OPT/

             CONTINUED
             12  76
             13  77
             14  78
             15  79
             16  80
             17  81
             18  82
             19  83
             20  84
             21  85
             22  86
             23  87
             24  88
             25  89
             26  90
             27  91
             28  92
             29  93
             30  94
             31  95
             32  96
             33  97
             34  98
             35  99
             36  100
             37  101
             38  102
             39  103
             40  104
             41  105
             42  106
             43  107
             44  108
             45  109
             46  110
             47  111
             48  112
             49  113
             50  114
             51  115
             52  116
             53  117
             54  118
             55  119
             56  120
             57  121
             58  122
             59  123
             60  124
             61  125
             62  126
             63  127
             64  128

HA,HB SC      CONN  KS-16786,L55
        15.5         /HA/,976H/HB/
         2.5   6  129
               7  130
               8  131
               9  132
              10  133
              11  134
              12  135
              13  136
              14  137
              15  138
              16  139
              17  140
              18  141
              19  142
              20  143
              21  144
              31  145
              32  146
              33  147
              34  148
              35  149
              36  150
              37  151
              38  152
              39  153
              40  154
              41  155
              42  156
              43  157
              44  158
              45  159
              46  160

        16    CONN  905B E/W A1075
         5.5         CP
         2.0   0  244
               1  245
               2  246
               3  247
               4  215
               5  218
               6  229
               7  214
               8  219
               9  220
              11  216
              12  250
              13  268
              14  268
              16  221
              17  222
              19  217
              21  243
              22  241
              23  240
              24  242
              25  249
              26  248
                CONTINUED
```

```
FUNC
DESIG TYPE  CODE
 XLOC        RUN
 YLOC TERM  /OPT/

        CONTINUED
       27  239

17     CONN  905A E/W A1068
  6.6          CP
  2.0   0  243
        1  241
        2  253
        3  250
        4  249
        6  240
        7  242
        8  248
        9  225
       11  24
       12  26
       13  28
       14  30
       15  32
       16  22
       17  20
       18  18
       19  252
       20  8
       21  6
       22  4
       23  2
       24  10
       25  12
       26  14
       27  16

18     CONN  905A E/W A1068
  7.0          CP
  2.0   0  243
        1  241
        2  254
        3  250
        4  249
        6  240
        7  242
        8  248
        9  230
       11  23
       12  25
       13  27
       14  29
       15  31
       16  21
       17  19
       18  17
       19  252
       20  7
       21  5
       22  3
       23  1
       24  9
       25  11
       26  13
       27  15

19     CONN  905A E/W A1068
  7.4          CP
  2.0   0  243
        1  241
        2  255
        3  250
        4  249
        6  240
        7  242
        8  248
        9  235
       11  56
       12  58
       13  60
       14  62
       15  64
       16  54
       17  52
       18  50
       19  252
       20  40
       21  38
       22  36
       23  34
       24  42
       25  44
       26  46
       27  48

20     CONN  905A E/W A1068
  7.8          CP
  2.0   0  243
        1  241
        2  256
        3  250
        4  249
        6  240
        7  242
        8  248
        9  209
       11  55
       12  57
       13  59
       14  61
       15  63
       16  53
       17  51
       18  49
       19  252
       20  39
       21  37
       22  35
       23  33
       24  41
         CONTINUED
```

```
FUNC
DESIG TYPE  CODE
 XLOC        RUN
 YLOC TERM  /OPT/

        CONTINUED
       25  43
       26  45
       27  47

21     CONN  905A E/W A1068
  8.2          CP
  2.0   0  243
        1  241
        2  257
        3  250
        4  249
        6  240
        7  242
        8  248
        9  226
       11  88
       12  90
       13  92
       14  94
       15  96
       16  86
       17  84
       18  82
       19  252
       20  72
       21  70
       22  68
       23  66
       24  74
       25  76
       26  78
       27  80

22     CONN  905A E/W A1068
  8.6          CP
  2.0   0  243
        1  241
        2  258
        3  250
        4  249
        6  240
        7  242
        8  248
        9  231
       11  87
       12  89
       13  91
       14  93
       15  95
       16  85
       17  83
       18  81
       19  252
       20  71
       21  69
       22  67
       23  65
       24  73
       25  75
       26  77
       27  79

23     CONN  905A E/W A1068
  9.0          CP
  2.0   0  243
        1  241
        2  259
        3  250
        4  249
        6  240
        7  242
        8  248
        9  236
       11  120
       12  122
       13  124
       14  126
       15  128
       16  118
       17  116
       18  114
       19  252
       20  104
       21  102
       22  100
       23  98
       24  106
       25  108
       26  110
       27  112

24     CONN  905A E/W A1068
  9.4          CP
  2.0   0  243
        1  241
        2  260
        3  250
        4  249
        6  240
        7  242
        8  248
        9  210
       11  119
       12  121
       13  123
       14  125
       15  127
       16  117
       17  115
       18  113
       19  252
       20  103
       21  101
       22  99
         CONTINUED
```

```
FUNC
DESIG TYPE  CODE
 XLOC        RUN
 YLOC TERM  /OPT/

        CONTINUED
       23  97
       24  105
       25  107
       26  109
       27  111

25     CONN  905A E/W A1068
  9.8          CP
  2.0   0  243
        1  241
        2  261
        3  250
        4  249
        6  240
        7  242
        8  248
        9  227
       11  140
       12  141
       13  142
       14  143
       15  144
       16  139
       17  138
       18  137
       19  252
       20  132
       21  131
       22  130
       23  129
       24  133
       25  134
       26  135
       27  136

26     CONN  905B E/W A1068
 10.2          CP
  2.0   0  243
        1  241
        2  262
        3  250
        4  249
        6  240
        7  242
        8  248
        9  232
       11  156
       12  157
       13  158
       14  159
       15  160
       16  155
       17  154
       18  153
       19  252
       20  148
       21  147
       22  146
       23  145
       24  149
       25  150
       26  151
       27  152

28     CONN  905B E/W A1074
 11.0          CP
  2.0   0  263
        1  230
        2  230
        3  263
        4  225
        5  225
        6  244
        7  245
        8  246
        9  247
       10  263
       11  250
       12  190
       13  189
       14  195
       15  196
       16  202
       17  201
       18  207
       19  208
       20  184
       21  183
       22  177
       23  178
       24  172
       25  171
       26  165
       27  166

30     CONN  905B E/W A1074
 11.8          CP
  2.0   0  264
        1  209
        2  209
        3  264
        4  235
        5  235
        6  244
        7  245
        8  246
        9  247
       10  264
       11  250
       12  188
       13  187
       14  193
       15  194
       16  200
         CONTINUED
```

```
FUNC
DESIG TYPE  CODE
 XLOC        RUN
 YLOC TERM  /OPT/

        CONTINUED
       17  199
       18  205
       19  206
       20  182
       21  181
       22  175
       23  176
       24  170
       25  169
       26  163
       27  164

32     CONN  905B E/W A1074
 12.6          CP
  2.0   0  265
        1  231
        2  231
        3  265
        4  226
        5  226
        6  244
        7  245
        8  246
        9  247
       10  265
       11  250
       12  186
       13  185
       14  191
       15  192
       16  198
       17  197
       18  203
       19  204
       20  180
       21  179
       22  173
       23  174
       24  168
       25  167
       26  161
       27  162
```

WESTERN ELECTRIC CO., INC. PRINTED IN USA	DWG SIZE C2
T*94851-11	SHEET B1
	ISSUE 4

RUN NO	TYPE	FUNC DESIG	TERM	METH
1	CONN	SA	1	D2
	CONN	18	23	
2	CONN	SA	2	D2
	CONN	17	23	
3	CONN	SA	3	D2
	CONN	18	22	
4	CONN	SA	4	D2
	CONN	17	22	
5	CONN	SA	5	D2
	CONN	18	21	
6	CONN	SA	6	D2
	CONN	17	21	
7	CONN	SA	7	D2
	CONN	18	20	
8	CONN	SA	8	D2
	CONN	17	20	
9	CONN	SA	9	D2
	CONN	18	24	
10	CONN	SA	10	D2
	CONN	17	24	
11	CONN	SA	11	D2
	CONN	18	25	
12	CONN	SA	12	D2
	CONN	17	25	
13	CONN	SA	13	D2
	CONN	18	26	
14	CONN	SA	14	D2
	CONN	17	26	
15	CONN	SA	15	D2
	CONN	18	27	
16	CONN	SA	16	D2
	CONN	17	27	
17	CONN	SA	17	D2
	CONN	18	18	
18	CONN	SA	18	D2
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19	CONN	SA	19	D2
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20	CONN	SA	20	D2
	CONN	17	17	
21	CONN	SA	21	D2
	CONN	18	16	
22	CONN	SA	22	D2
	CONN	17	16	
23	CONN	SA	23	D2
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24	CONN	SA	24	D2
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25	CONN	SA	25	D2
	CONN	18	12	
26	CONN	SA	26	D2
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28	CONN	SA	28	D2
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29	CONN	SA	29	D2
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39	CONN	SA	39	D2
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40	CONN	SA	40	D2
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41	CONN	SA	41	D2
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57	CONN	SA	57	D2
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	CONN	19	15	
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	CONN	22	23	
66	CONN	SB	2	D2
	CONN	21	23	
67	CONN	SB	3	D2
	CONN	22	22	
68	CONN	SB	4	D2
	CONN	21	22	
69	CONN	SB	5	D2
	CONN	22	21	
70	CONN	SB	6	D2
	CONN	21	21	
71	CONN	SB	7	D2
	CONN	22	20	
72	CONN	SB	8	D2
	CONN	21	20	
73	CONN	SB	9	D2
	CONN	22	24	
74	CONN	SB	10	D2
	CONN	21	24	
75	CONN	SB	11	D2
	CONN	22	25	
76	CONN	SB	12	D2
	CONN	21	25	
77	CONN	SB	13	D2
	CONN	22	26	
78	CONN	SB	14	D2
	CONN	21	26	
79	CONN	SB	15	D2
	CONN	22	27	
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82	CONN	SB	18	D2
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	CONN	21	11	
89	CONN	SB	25	D2
	CONN	22	12	
90	CONN	SB	26	D2
	CONN	21	12	
91	CONN	SB	27	D2
	CONN	22	13	
92	CONN	SB	28	D2
	CONN	21	13	
93	CONN	SB	29	D2
	CONN	22	14	
94	CONN	SB	30	D2
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95	CONN	SB	31	D2
	CONN	22	15	
96	CONN	SB	32	D2
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101	CONN	SB	37	D2
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102	CONN	SB	38	D2
	CONN	23	21	
103	CONN	SB	39	D2
	CONN	24	20	
104	CONN	SB	40	D2
	CONN	23	20	
105	CONN	SB	41	D2
	CONN	24	24	
106	CONN	SB	42	D2
	CONN	23	24	
107	CONN	SB	43	D2
	CONN	24	25	
108	CONN	SB	44	D2
	CONN	23	25	
109	CONN	SB	45	D2
	CONN	24	26	
110	CONN	SB	46	D2
	CONN	23	26	
111	CONN	SB	47	D2
	CONN	24	27	
112	CONN	SB	48	D2
	CONN	23	27	
113	CONN	SB	49	D2
	CONN	24	18	
114	CONN	SB	50	D2
	CONN	23	18	
115	CONN	SB	51	D2
	CONN	24	17	
116	CONN	SB	52	D2
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	CONN	24	14	
126	CONN	SB	62	D2
	CONN	23	14	
127	CONN	SB	63	D2
	CONN	24	15	
128	CONN	SB	64	D2
	CONN	23	15	
129	CONN	SC	6	D2
	CONN	25	23	
130	CONN	SC	7	D2
	CONN	25	22	
131	CONN	SC	8	D2
	CONN	25	21	
132	CONN	SC	9	D2
	CONN	25	20	
133	CONN	SC	10	D2
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134	CONN	SC	11	D2
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135	CONN	SC	12	D2
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136	CONN	SC	13	D2
	CONN	25	27	
137	CONN	SC	14	D2
	CONN	25	18	
138	CONN	SC	15	D2
	CONN	25	17	
139	CONN	SC	16	D2
	CONN	25	16	
140	CONN	SC	17	D2
	CONN	25	11	
141	CONN	SC	18	D2
	CONN	25	12	
142	CONN	SC	19	D2
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143	CONN	SC	20	D2
	CONN	25	14	
144	CONN	SC	21	D2
	CONN	25	15	
145	CONN	SC	31	D2
	CONN	26	23	
146	CONN	SC	32	D2
	CONN	26	22	
147	CONN	SC	33	D2
	CONN	26	21	
148	CONN	SC	34	D2
	CONN	26	20	
149	CONN	SC	35	D2
	CONN	26	24	
150	CONN	SC	36	D2
	CONN	26	25	
151	CONN	SC	37	D2
	CONN	26	26	
152	CONN	SC	38	D2
	CONN	26	27	
153	CONN	SC	39	D2
	CONN	26	18	

RUN NO	TYPE	FUNC DESIG	TERM	WRG OPT	METH
154	CONN	SC	40		D2
	CONN	26	17		
155	CONN	SC	41		D2
	CONN	26	16		
156	CONN	SC	42		D2
	CONN	26	11		
157	CONN	SC	43		D2
	CONN	26	12		
158	CONN	SC	44		D2
	CONN	26	13		
159	CONN	SC	45		D2
	CONN	26	14		
160	CONN	SC	46		D2
	CONN	26	15		
161	CONN	D	2B	HA	D2
	CONN	32	26	HB	D2
	CONN	D	2		
162	CONN	D	3B	HA	D2
	CONN	32	27	HB	D2
	CONN	D	3		
163	CONN	D	4B	HA	D2
	CONN	30	26	HB	D2
	CONN	D	4		
164	CONN	D	5B	HA	D2
	CONN	30	27	HB	D2
	CONN	D	5		
165	CONN	D	6B	HA	D2
	CONN	28	26	HB	D2
	CONN	D	6		
166	CONN	D	7B	HA	D2
	CONN	28	27	HB	D2
	CONN	D	7		
167	CONN	D	8B	HA	D2
	CONN	32	25	HB	D2
	CONN	D	8		
168	CONN	D	9B	HA	D2
	CONN	32	24	HB	D2
	CONN	D	9		
169	CONN	D	10B	HA	D2
	CONN	30	25	HB	D2
	CONN	D	10		
170	CONN	D	11B	HA	D2
	CONN	30	24	HB	D2
	CONN	D	11		
171	CONN	D	12B	HA	D2
	CONN	28	25	HB	D2
	CONN	D	12		
172	CONN	D	13B	HA	D2
	CONN	28	24	HB	D2
	CONN	D	13		
173	CONN	D	14B	HA	D2
	CONN	32	22	HB	D2
	CONN	D	14		
174	CONN	D	15B	HA	D2
	CONN	32	23	HB	D2
	CONN	D	15		
175	CONN	D	16B	HA	D2
	CONN	30	22	HB	D2
	CONN	D	16		
176	CONN	D	17B	HA	D2
	CONN	30	23	HB	D2
	CONN	D	17		
177	CONN	D	18B	HA	D2
	CONN	28	22	HB	D2
	CONN	D	18		
178	CONN	D	19B	HA	D2
	CONN	28	23	HB	D2
	CONN	D	19		
179	CONN	D	20B	HA	D2
	CONN	32	21	HB	D2
	CONN	D	20		
180	CONN	D	21B	HA	D2
	CONN	32	20	HB	D2
	CONN	D	21		
181	CONN	D	22B	HA	D2
	CONN	30	21	HB	D2
	CONN	D	22		
182	CONN	D	23B	HA	D2
	CONN	30	20	HB	D2
	CONN	D	23		
183	CONN	D	24B	HA	D2
	CONN	28	21	HB	D2
	CONN	D	24		
184	CONN	D	25B	HA	D2
	CONN	28	20	HB	D2
	CONN	D	25		
185	CONN	D	2T	HA	D2
	CONN	32	13	HB	D2
	CONN	D	27		
186	CONN	D	3T	HA	D2
	CONN	32	12	HB	D2
	CONN	D	28		
187	CONN	D	4T	HA	D2
	CONN	30	13	HB	D2
	CONN	D	29		
188	CONN	D	5T	HA	D2
	CONN	30	12	HB	D2
	CONN	D	30		
189	CONN	D	6T	HA	D2
	CONN	28	13	HB	D2
	CONN	D	31		
190	CONN	D	7T	HA	D2
	CONN	28	12	HB	D2
	CONN	D	32		
191	CONN	D	8T	HA	D2
	CONN	32	14	HB	D2
	CONN	D	33		
192	CONN	D	9T	HA	D2
	CONN	32	15	HB	D2
	CONN	D	34		
193	CONN	D	10T	HA	D2
	CONN	30	14	HB	D2
	CONN	D	35		
194	CONN	D	11T	HA	D2
	CONN	30	15	HB	D2
	CONN	D	36		
195	CONN	D	12T	HA	D2
	CONN	28	14	HB	D2
	CONN	D	37		
196	CONN	D	13T	HA	D2
	CONN	28	15	HB	D2
	CONN	D	38		
197	CONN	D	14T	HA	D2
	CONN	32	17	HB	D2
	CONN	D	39		
198	CONN	D	15T	HA	D2
	CONN	32	16	HB	D2
	CONN	D	40		
199	CONN	D	16T	HA	D2
	CONN	30	17	HB	D2
	CONN	D	41		
200	CONN	D	17T	HA	D2
	CONN	30	16	HB	D2
	CONN	D	42		
201	CONN	D	18T	HA	D2
	CONN	28	17	HB	D2
	CONN	D	43		
202	CONN	D	19T	HA	D2
	CONN	28	16	HB	D2
	CONN	D	44		
203	CONN	D	20T	HA	D2
	CONN	32	18	HB	D2
	CONN	D	45		
204	CONN	D	21T	HA	D2
	CONN	32	19	HB	D2
	CONN	D	46		
205	CONN	D	22T	HA	D2
	CONN	30	18	HB	D2
	CONN	D	47		
206	CONN	D	23T	HA	D2
	CONN	30	19	HB	D2
	CONN	D	48		
207	CONN	D	24T	HA	D2
	CONN	28	18	HB	D2
	CONN	D	49		
208	CONN	D	25T	HA	D2
	CONN	28	19	HB	D2
	CONN	D	50		
209	CONN	IN	35		D1
	CONN	OUT	35		D2
	CONN	20	9		D2
	CONN	30	1		D3
	CONN	30	2		
210	CONN	IN	33		D1
	CONN	OUT	33		D2
	CONN	24	9		
211	CONN	IN	31		D1
	CONN	OUT	31		
212	CONN	IN	29		D1
	CONN	OUT	29		

RUN NO	TYPE	FUNC DESIG	TERM	METH
213	CONN	IN	27	D1
	CONN	OUT	27	
214	CONN	IN	23	D1
	CONN	OUT	23	D3
	CONN	16	7	
215	CONN	IN	21	D1
	CONN	OUT	21	D3
	CONN	16	4	
216	CONN	IN	19	D1
	CONN	OUT	19	D3
	CONN	16	11	
217	CONN	IN	17	D1
	CONN	OUT	17	D3
	CONN	16	19	
218	CONN	IN	15	D1
	CONN	OUT	15	D3
	CONN	16	5	
219	CONN	IN	11	D1
	CONN	OUT	11	D3
	CONN	16	8	
220	CONN	IN	9	D1
	CONN	OUT	9	D3
	CONN	16	9	
221	CONN	IN	7	D1
	CONN	OUT	7	D3
	CONN	16	16	
222	CONN	IN	5	D1
	CONN	OUT	5	D3
	CONN	16	17	
223	CONN	IN	3	D1
	CONN	OUT	3	
225	CONN	IN	71	D1
	CONN	OUT	71	D2
	CONN	17	9	D2
	CONN	28	4	D3
	CONN	28	5	
226	CONN	IN	69	D1
	CONN	OUT	69	D2
	CONN	21	9	D2
	CONN	32	4	D3
	CONN	32	5	
227	CONN	IN	67	D1
	CONN	OUT	67	D2
	CONN	25	9	
228	CONN	IN	65	D1
	CONN	OUT	65	
229	CONN	IN	63	D1
	CONN	OUT	63	D2
	CONN	16	6	
230	CONN	IN	59	D1
	CONN	OUT	59	D2
	CONN	18	9	D2
	CONN	28	1	D3
	CONN	28	2	
231	CONN	IN	57	D1
	CONN	OUT	57	D2
	CONN	22	9	D2
	CONN	32	1	D3
	CONN	32	2	
232	CONN	IN	55	D1
	CONN	OUT	55	D2
	CONN	26	9	
233	CONN	IN	53	D1
	CONN	OUT	53	
234	CONN	IN	51	D1
	CONN	OUT	51	
235	CONN	IN	47	D1
	CONN	OUT	47	D2
	CONN	19	9	D2
	CONN	30	4	D3
	CONN	30	5	
236	CONN	IN	45	D1
	CONN	OUT	45	D2
	CONN	23	9	
237	CONN	IN	43	D1
	CONN	OUT	43	
238	CONN	IN	41	D1
	CONN	OUT	41	
239	CONN	IN	39	D1
	CONN	OUT	39	D3
	CONN	16	27	
240	CONN	16	23	D2
	CONN	17	6	D1
	CONN	18	6	D1
	CONN	19	6	D1
	CONN	20	6	D1
	CONN	21	6	D1
	CONN	22	6	D1
	CONN	23	6	D1

RUN NO	TYPE	FUNC DESIG	TERM	NOTE	METH	COLOR
	CONN	24	6		D1	
	CONN	25	6		D1	
	CONN	26	6			
241	CONN	16	22		D2	
	CONN	17	1		D1	
	CONN	18	1		D1	
	CONN	19	1		D1	
	CONN	20	1		D1	
	CONN	21	1		D1	
	CONN	22	1		D1	
	CONN	23	1		D1	
	CONN	24	1		D1	
	CONN	25	1		D1	
	CONN	26	1			
242	CONN	16	24		D2	
	CONN	17	7		D1	
	CONN	18	7		D1	
	CONN	19	7		D1	
	CONN	20	7		D1	
	CONN	21	7		D1	
	CONN	22	7		D1	
	CONN	23	7		D1	
	CONN	24	7		D1	
	CONN	25	7		D1	
	CONN	26	7			
243	CONN	16	21		D2	
	CONN	17	0		D1	
	CONN	18	0		D1	
	CONN	19	0		D1	
	CONN	20	0		D1	
	CONN	21	0		D1	
	CONN	22	0		D1	
	CONN	23	0		D1	
	CONN	24	0		D1	
	CONN	25	0		D1	
	CONN	26	0			
244	CONN	16	0		D2	
	CONN	28	6		D1	
	CONN	30	6		D1	
	CONN	32	6			
245	CONN	16	1		D2	
	CONN	28	7		D1	
	CONN	30	7		D1	
	CONN	32	7			
246	CONN	16	2		D2	
	CONN	28	8		D1	
	CONN	30	8		D1	
	CONN	32	8			
247	CONN	16	3		D2	
	CONN	28	9		D1	
	CONN	30	9		D1	
	CONN	32	9			
248	CONN	16	26		D2	
	CONN	17	8		D1	
	CONN	18	8		D1	
	CONN	19	8		D1	
	CONN	20	8		D1	
	CONN	21	8		D1	
	CONN	22	8		D1	
	CONN	23	8		D1	
	CONN	24	8		D1	
	CONN	25	8		D1	
	CONN	26	8			
249	CONN	16	25		D2	
	CONN	17	4		D1	
	CONN	18	4		D1	
	CONN	19	4		D1	
	CONN	20	4		D1	
	CONN	21	4		D1	
	CONN	22	4		D1	
	CONN	23	4		D1	
	CONN	24	4		D1	
	CONN	25	4		D1	
	CONN	26	4			
250	CONN	17	3	24	D1	R
	CONN	18	3	24	D1	R
	CONN	19	3	24	D1	R
	CONN	20	3	24	D1	R
	CONN	21	3	24	D1	R
	CONN	22	3	24	D1	R
	CONN	23	3	24	D1	R
	CONN	24	3	24	D1	R
	CONN	25	3	24	D1	R
	CONN	26	3	20	D3	R
	TMBLK	P	6R		D1	JUMPER
	TMBLK	P	5R	#	D1	JUMPER
	TMBLK	P	4R	20	D3	R
	CONN	16	12	24	D3	R
	CONN	OUT	2	24	D1	R
	CONN	OUT	14	24	D1	R
	CONN	OUT	26	24	D1	R
	CONN	OUT	38	24	D1	R
	CONN	OUT	50	24	D1	R
	CONN	OUT	62	24	D3	R
	CONN	OUT	66	24	D1	R
	CONN	OUT	54	24	D1	R
	CONN	OUT	42	24	D1	R
	CONN	OUT	30	24	D1	R
	CONN	OUT	18	24	D1	R
	CONN	OUT	6	24	D3	R
	CONN	OUT	10	24	D1	R
	CONN	OUT	22	24	D1	R
	CONN	OUT	34	24	D1	R
	CONN	OUT	46	24	D1	R
	CONN	OUT	58	24	D1	R
	CONN	OUT	70			
	TMBLK	P	5R	20	D3	R
	CONN	32	11	24	D1	R
	CONN	30	11	24	D1	R
	CONN	28	11			
251	TMBLK	P	3R		D1	JUMPER
	TMBLK	P	2R		D1	JUMPER
	TMBLK	P	1R	14	D3	BK
	GRDTS	GROUND	32			
252	TMBLK	P	0R	04	D3	R
	CONN	26	19	24	D1	R
	CONN	25	19	24	D1	R
	CONN	24	19	24	D1	R
	CONN	23	19	24	D1	R
	CONN	22	19	24	D1	R
	CONN	21	19	24	D1	R
	CONN	20	19	24	D1	R
	CONN	19	19	24	D1	R
	CONN	18	19	24	D1	R
	CONN	17	19			
253	CONN	17	2	24	D1	BK
	GRDTS	GROUND	17	14	D3	BK
	GRDTS	A	0			
254	CONN	18	2	24	D1	BK
	GRDTS	GROUND	18	14	D3	BK
	GRDTS	A	5			
255	CONN	19	2	24	D1	BK
	GRDTS	GROUND	19			
256	CONN	20	2	24	D1	BK
	GRDTS	GROUND	20			
257	CONN	21	2	24	D1	BK
	GRDTS	GROUND	21			
258	CONN	22	2	24	D1	BK
	GRDTS	GROUND	22			
259	CONN	23	2	24	D1	BK
	GRDTS	GROUND	23			
260	CONN	24	2	24	D1	BK
	GRDTS	GROUND	24			
261	CONN	25	2	24	D1	BK
	GRDTS	GROUND	25			
262	CONN	26	2	24	D1	BK
	GRDTS	GROUND	26			
263	CONN	28	0	24	D1	BK
	CONN	28	3	24	D1	BK
	CONN	28	10	24	D1	BK
	GRDTS	GROUND	28			
264	CONN	30	0	24	D1	BK
	CONN	30	3	24	D1	BK
	CONN	30	10	24	D1	BK
	GRDTS	GROUND	30			
265	CONN	32	0	24	D1	BK
	CONN	32	3	24	D1	BK
	CONN	32	10	24	D1	BK
	GRDTS	GROUND	31			
266	GRDTS	A	4	24	D1	BK
	CONN	OUT	12	24	D3	BARE STP
	CONN	OUT	24	24	D3	BARE STP
	CONN	OUT	36	24	D3	BARE STP
	CONN	OUT	48	24	D3	BARE STP
	CONN	OUT	60	24	D3	BARE STP
	CONN	OUT	72	24	D1	BK
	CONN	IN	12	24	D3	BARE STP
	CONN	IN	24	24	D3	BARE STP
	CONN	IN	36	24	D3	BARE STP
	CONN	IN	48	24	D3	BARE STP
	CONN	IN	60	24	D3	BARE STP
	CONN	IN	72			
267	GRDTS	A	3	24	D1	BK
	CONN	OUT	8	24	D3	BARE STP
	CONN	OUT	20	24	D3	BARE STP
	CONN	OUT	32	24	D3	BARE STP
	CONN	OUT	44	24	D3	BARE STP
	CONN	OUT	56	24	D3	BARE STP
	CONN	OUT	68	24	D1	BK
	CONN	IN	8	24	D3	BARE STP
	CONN	IN	20	24	D3	BARE STP
	CONN	IN	32	24	D3	BARE STP
	CONN	IN	44	24	D3	BARE STP
	CONN	IN	56	24	D3	BARE STP
	CONN	IN	68			
268	CONN	16	14	24	D1	BK
	CONN	16	13	24	D3	BK
	GRDTS	A	2	24	D1	BK
	CONN	OUT	4	24	D3	BARE STP
	CONN	OUT	16	24	D3	BARE STP
	CONN	OUT	28	24	D3	BARE STP
	CONN	OUT	40	24	D3	BARE STP
	CONN	OUT	52	24	D3	BARE STP
	CONN	OUT	64	24	D1	BK
	CONN	IN	4	24	D3	BARE STP
	CONN	IN	16	24	D3	BARE STP
	CONN	IN	28	24	D3	BARE STP
	CONN	IN	40	24	D3	BARE STP
	CONN	IN	52	24	D3	BARE STP
	CONN	IN	64			
269	GRDTS	A	1	24	D1	BK
	CONN	OUT	1	24	D3	BARE STP
	CONN	OUT	13	24	D3	BARE STP
	CONN	OUT	25	24	D3	BARE STP
	CONN	OUT	37	24	D3	BARE STP
	CONN	OUT	49	24	D3	BARE STP
	CONN	OUT	61	24	D1	BK
	CONN	IN	1	24	D3	BARE STP
	CONN	IN	13	24	D3	BARE STP
	CONN	IN	25	24	D3	BARE STP
	CONN	IN	37	24	D3	BARE STP
	CONN	IN	49	24	D3	BARE STP
	CONN	IN	61			

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